|          | ndex of C                                   | laims |                           | Appl | licatio | on No.      |   | Applicant(s) |
|----------|---|-------|---------------------------|------|---------|-------------|---|--------------|
|          |   |       | (3) ( 1 <b>.5</b> )       | 10/6 | 89,87   | 78          | ! | OLGIN ET AL. |
|          |   |       |                           | Exar | niner   |             |   | Art Unit     |
|          | <b>                                    </b> |       |                           | Laur | a C C   | Cole        |   | 1744         |
| <b>V</b> | Rejected                                    | _     | (Through num<br>Cancelled |      | N       | Non-Elected | A | Appeal       |
|          |   |       |                           |      |         |             |   |              |

| Cla   | aim      | n Date   |                |  |  |  |  |              | CI           | Claim    |              |          | Date     |          |                         |   |          |         |              | Cla             | Date |                 |            |          |          |                    |              |                         |          |          |  |
|-------|----------|--|----------------|--|--|--|--|--------------|--------------|----------|--------------|----------|----------|----------|-------------------------|---|----------|---------|--------------|-----------------|------|-----------------|------------|----------|----------|--------------------|--------------|-------------------------|----------|----------|--|
| Final | Original | 12/17/04   |                |  |  |  |  |              |              |          | Final        | Original |          |          |                         |   |          |         |              |                 |      | Final           | Original   |          |          |                    |              |                         |          |          |  |
|       | 1        | <b>√</b>   |                |  | -  | <del> </del>                                     | -  | ╁            | <del> </del> | $\dashv$ |              | 51       | Н        | $\dashv$ | +                       | +   | +-       | +       | ╁╴           |                 |      | $\vdash$        | 101        | $\dashv$ | -        | +                  | +            | $\dashv$                | $\dashv$ | +        | +  |
|       | 2        | ľ  |                | -  | <u> </u>   | <del> </del>                                     | -  | +-           | $\vdash$     |          | $\vdash$     | 52       | Н        | $\dashv$ | $\dashv$                | +   | +        | +       | +-           |                 |      | $\vdash$        | 102        |          | -        | $\dashv$           | +            | +                       | +        | +        | +  |
|       | 3        | ╁  | -              | -  | $\vdash$   | $\vdash$   | H  | $\vdash$     | $\vdash$     |          |              | 53       | Н        | -+       | -                       | ╅   | +        | +       | T            |                 |      |                 | 103        |          | _        | $\top$             | +            | $\dashv$                | +        | +        | +  |
|       | 4        | 4  |                | -  |  | t  |  | t            | 1            |          |              | 54       |          | _        | +                       | $\top$  | $\top$   | +       | $\top$       |                 | i    |                 | 104        |          | $\dashv$ | $\dashv$           | T            | 寸                       | 寸        | 寸        | $\top$                                     |
|       | 5        | \ \ \  |                |  | 1  | t  |  |              |              |          |              | 55       |          |          | 寸                       | 十   | 十        | 十       | 1            |                 |      |                 | 105        |          | $\dashv$ | 寸                  | T            | $\dashv$                | ╅        | $\neg$   | $\top$                                     |
|       | 6        |  |                |  |  |  |  |              |              |          |              | 56       | П        |          |                         | $\neg$  |          |         | $\top$       |                 | ĺ    |                 | 106        |          |          |                    |              |                         |          |          |  |
|       | 7        |  |                |  |  | Г  |  |              |              |          |              | 57       |          |          |                         |   |          |         |              |                 |      |                 | 107        |          |          |                    |              |                         |          |          |  |
|       | 8        |  |                |  |  |  |  |              |              |          |              | 58       |          |          |                         |   |          |         |              |                 |      |                 | 108        |          |          |                    |              |                         |          |          |  |
|       | 9        | L  |                | L  |  |  |  |              |              | Ш        | <u> </u>     | 59       |          |          | _                       |   |          | $\perp$ | 1_           |                 |      |                 | 109        |          |          |                    | _            | _                       | _        | _        |  |
|       | 10       | _  |                |  | <u> </u>   |  | L  | ļ            |              |          |              | 60       |          |          |                         | $\perp$   | _        |         | $\perp$      |                 |      |                 | 110        | $\perp$  | $\dashv$ | $\perp$            | 4            | 4                       | _        | _        | $\dashv$                                   |
|       | 11       | <u> </u>   | _              |  | <u> </u>   | ┡  | 1  | _            | <u> </u>     | Ш        | <u> </u>     | 61       | Ш        | _        | $\perp$                 | _   |          | -       | 4            | Н               |      |                 | 111        | $\sqcup$ | _        | $\dashv$           | $\downarrow$ | $\dashv$                | $\dashv$ | +        | +  |
|       | 12       | _  | <u> </u>       | ļ  | <u> </u>   | <del> </del>                                     | <del> </del>                                     | ╀            | -            | Н        | <u> </u>     | 62       | $\vdash$ | _        | +                       | +   | +        | +       | +            | Ш               |      |                 | 112        |          | _        | -                  | +            | +                       | $\dashv$ | +        | +  |
|       | 13       | $\vdash$   | $\vdash$       | _  | $\vdash$   | $\vdash$   | ــ   | -            | <del> </del> | $\vdash$ | -            | 63       |          | $\dashv$ | +                       | +   | +        | +       | 1            | Н               |      | <b> </b>        | 113        |          | _        | -                  | +            | 4                       |          | -        | -  |
|       | 14<br>15 | ⊢  | <u> </u>       | <u> </u>   | <del> </del>                                     | ⊢  |  | 1            | $\vdash$     | Н        | -            | 64<br>65 | Н        | $\dashv$ | +                       | +   | +        | +-      | +            | Н               |      | $\vdash$        | 114<br>115 | $\dashv$ | -        | +                  | +            | +                       | $\dashv$ | +        | +  |
|       | 16       | ├  |                | <del> </del>                                     | ├  | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$     | Н        | $\vdash$     | 66       | $\vdash$ | $\dashv$ | +                       | +   | +        |         | +            | $\vdash$        |      | -               | 116        | $\dashv$ | $\dashv$ | +                  | +            | +                       | $\dashv$ | +        | +  |
|       | 17       | ├  |                | -  | <del>                                     </del> | $\vdash$   | ╁  | $\vdash$     | $\vdash$     | $\dashv$ |              | 67       | Н        | $\dashv$ | $\dashv$                | +   |          | +       | ╁            | H               |      |                 | 117        |          | +        | +                  | +            | +                       | $\dashv$ | $\dashv$ | +  |
|       | 18       | $\vdash$   |                |  | <del>                                     </del> | -  |  | -            | ┢            |          | -            | 68       |          | $\dashv$ | +                       | +   | +        | +       | ╁            | Н               |      |                 | 118        |          | +        | +                  | +            | +                       | $\dashv$ |          | +  |
|       | 19       | H  |                |  | <del>                                     </del> | -  | -  | ╁            | $\vdash$     | $\dashv$ | <del> </del> | 69       | Н        | +        | +                       | +   | +        | +       | +            | Н               |      | -               | 119        |          | $\dashv$ | $\dashv$           | $\dashv$     | +                       | $\dashv$ | +        | 十  |
|       | 20       | ┢╌   |                |  |  | <del>                                     </del> |  | H            | -            | $\vdash$ | <u> </u>     | 70       | $\vdash$ | -        | _                       | $\dashv$  | ╁        | +       | +            | Н               |      |                 | 120        |          | $\dashv$ | +                  | +            | $\dashv$                | $\dashv$ | $\dashv$ | +  |
|       | 21       | $\vdash$   |                |  | <u> </u>   | 1  | <del> </del>                                     | 1            | $\vdash$     | $\dashv$ | 1            | 71       | Н        | $\neg$   | $\top$                  | $\top$  | 1        | $\top$  | $\dagger$    | П               |      |                 | 121        |          | 1        | $\dashv$           | $\top$       | 寸                       | 1        | 十        | +  |
|       | 22       | -  |                |  |  |  |  | t            |              |          |              | 72       | П        | _        | _                       | 十   | _        |         |              | Ħ               |      |                 | 122        | Ħ        |          |                    | 1            | T                       |          | 1        | 十  |
|       | 23       | $\vdash$   |                |  | T  | T  | 1  | T            |              |          |              | 73       |          |          |                         | T   | 1        | Ť       | <b>T</b>     | П               |      |                 | 123        | $\Box$   |          | 7                  | 十            | 十                       | _        | 寸        | _  |
|       | 24       | _  |                |  |  |  |  | 1.           |              |          |              | 74       |          |          |                         |   | 1        |         |              |                 |      |                 | 124        |          |          |                    | $\neg$       | 丁                       |          | $\neg$   | $\top$                                     |
|       | 25       | Π  |                |  |  |  |  |              |              | П        |              | 75       |          |          |                         | 1   | 1        |         |              |                 |      |                 | 125        |          |          |                    | 丁            | $\neg$                  | $\neg$   | 丁        | $\top$                                     |
|       | 26       |  |                |  | Г  | Г  |  | П            |              |          |              | 76       |          |          |                         | T   |          |         |              |                 |      |                 | 126        |          | 1        |                    | $\Box$       |                         |          | T        |  |
|       | 27       |  |                |  |  |  |  |              |              |          |              | 77       |          |          |                         |   |          |         |              |                 |      |                 | 127        |          |          |                    |              |                         |          |          | $\perp$                                    |
|       | 28       |  |                |  |  | L  | L  | $oxed{oxed}$ |              |          |              | 78       |          |          |                         | $\perp$   | $\perp$  |         |              | Ш               |      |                 | 128        |          |          |                    | $\perp$      | $\perp$                 | _        |          |  |
|       | 29       | _  |                | <u>_</u>   | <u>L</u>   | L  | L  | <u> </u>     | L            |          |              | 79       | Ш        |          | _                       | _   | $\perp$  | $\perp$ | _            | Ш               |      |                 | 129        |          |          |                    | 1            | $\perp$                 | _        |          | $\perp$                                    |
|       | 30       | _  |                |  | ļ  | _  | <u> </u>   | ļ.,          | <u> </u>     |          | ļ            | 80       | Ш        | _        | _                       | 4   | 4        | 4       | $\perp$      | Ш               |      |                 | 130        |          | _        | _                  | _            | 4                       | _        | _        | $\bot$                                     |
|       | 31       | L  | _              | <u> </u>   | _  | <u> </u>   | _  |              | <u> </u>     |          | <u> </u>     | 81       | Ш        | _        | _                       | +   | 4        |         | ┿            | Ш               |      |                 | 131        |          | _        | $\dashv$           | +            | 4                       | 4        | 4        | +  |
|       | 32       | _  | _              | -  | _  | ┝  | ┡  | _            | ▙            |          | -            | 82       | Ш        | $\dashv$ | $\dashv$                | +   | +        | +       | ╄            | Н               |      |                 | 132        |          |          | -                  | -+           | 4                       | -+       |          | +  |
|       | 33       |  | _              | ├-   |  | ├-   | ┼-   | ┼            | ├—           |          |              | 83       | $\vdash$ |          | +                       | +   | +        | +       | +            | Н               |      |                 | 133        | _        | -        | +                  | +            | $\dashv$                | -        | +        | +  |
|       | 34<br>35 | ├-   | <del> </del>   | $\vdash$   | <del> </del>                                     | ├-   | ├-   | +            | ├-           | $\dashv$ |              | 84<br>85 | $\vdash$ | +        | +                       | +   | +        | +       | <del> </del> | Н               |      |                 | 134<br>135 |          |          | +                  | +            | +                       | +        | $\dashv$ |  |
|       | 36       | <u> </u>   | <u> </u>       | <del> </del>                                     | $\vdash$   | -  | ├  | ╀            | ├            | $\dashv$ |              | 86       | $\vdash$ |          | $\dashv$                | +   | +        | +       | +            | Н               |      | $\vdash \vdash$ | 136        | $\dashv$ | $\dashv$ | +                  | +            | +                       | $\dashv$ | +        | +  |
|       | 37       | $\vdash$   | $\vdash$       | $\vdash$   | $\vdash$   | ⊢  | $\vdash$   | 1            | ╁            | $\dashv$ |              | 87       | -        | -+       | -                       | +   | $\dashv$ | +       | +            | $\vdash \vdash$ |      |                 | 137        | $\dashv$ | -        | +                  | +            | +                       | $\dashv$ | +        | +  |
|       | 38       | <del>                                     </del> | <del> </del>   |  | -  | <del>  -  </del>                                 | ┼─   | +-           | -            | $\dashv$ |              | 88       | $\vdash$ | $\dashv$ | $\dashv$                | +   | +        | +       | ╁            | $\forall$       |      |                 | 138        | $\dashv$ | $\dashv$ | +                  | ╅            | +                       | $\dashv$ | +        | +  |
|       | 39       | ├-   | <del> </del> - | ┢  | $\vdash$   | $\vdash$   | +  | +-           | $\vdash$     | $\dashv$ | -            | 89       | $\vdash$ | +        | +                       | $\dashv$  | +        | +       | +            | H               |      |                 | 139        | $\dashv$ | $\dashv$ |                    | +            | $\dashv$                | $\dashv$ | 十        | 十  |
|       | 40       | ┢  | -              | <u> </u>   | H  | -  | +-   | 1            | H            | $\dashv$ | -            | 90       | $\vdash$ | +        | $\dashv$                | +   | +        | +       | 1            | H               | 1    |                 | 140        | $\dashv$ | $\dashv$ | $\dashv$           | +            | $\dashv$                | $\dashv$ | $\dashv$ | +  |
| -     | 41       | T  | $\vdash$       | <del>                                     </del> | $\vdash$   | $\vdash$   | T  | $\vdash$     | T            | $\Box$   |              | 91       |          | $\dashv$ | $\dashv$                | $\top$  | $\top$   | $\top$  | $\top$       | Н               |      |                 | 141        | -        | _        | $\dashv$           | +            | $\dashv$                | $\dashv$ | 十        | +  |
|       | 42       | Г  | $\vdash$       | _  | $\vdash$   | Τ  | <del>                                     </del> | 1            | П            | $\dashv$ |              | 92       | П        | $\dashv$ | $\dashv$                | $\top$  | $\top$   | $\top$  | $\top$       | Н               | Ì    |                 | 142        | $\neg$   | _        | $\dashv$           | 十            | $\top$                  | $\dashv$ | $\top$   | 十  |
|       | 43       |  |                |  |  |  |  | L            |              |          |              | 93       |          |          | _†                      | ╗   | 1        | T       | Ι            |                 | į    |                 | 143        |          |          | _                  | 丁            | 1                       | _        |          | $\exists$                                  |
|       | 44       |  |                |  |  |  |  | T            |              |          |              | 94       |          |          | $\exists$               | $\top$  | 十        | T       | I            |                 |      |                 | 144        |          |          |                    | T            |                         |          | _        | _  |
|       | 45       |  |                |  |  |  |  |              |              |          |              | 95       |          |          |                         |   |          | I       | I            |                 |      |                 | 145        | 1        | J        |                    | I            |                         |          |          | $\Box$                                     |
|       | 46       |  |                |  |  | L  | L  | L            |              |          |              | 96       |          | J        |                         | 1   |          | Ι       | L            |                 |      |                 | 146        |          |          | $\Box$             | Ι            |                         |          | $\Box$   | $oldsymbol{oldsymbol{oldsymbol{\square}}}$ |
|       | 47       |  |                |  |  |  |  |              |              |          |              | 97       |          |          |                         | $oxed{\Box}$  |          |         |              |                 |      |                 | 147        |          |          | $oldsymbol{\perp}$ | $\perp$      | $oldsymbol{\mathbb{I}}$ | $\Box$   | $\Box$   | $\perp$                                    |
|       | 48       |  |                |  |  | 匚  |  |              |              |          |              | 98       |          |          | $oldsymbol{\mathbb{T}}$ | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $\perp$  |         | L            |                 |      |                 | 148        |          | J        | $\perp \Gamma$     |              | $\perp$                 | $\perp$  | $\bot$   | $\perp$                                    |
|       | 49       |  |                |  | $oxedsymbol{oxedsymbol{oxedsymbol{eta}}}$        | <u> </u>   | L  | $oxed{oxed}$ | Ш            |          |              | 99       |          | $\Box$   |                         |   |          | 4       |              | Ш               |      | ]               | 149        | [        | [        | $\perp$            | $\perp$      | $\perp$                 | $\perp$  | $\perp$  |  |
|       | 50       | آ ا  |                |  |  | 1  | 1  |              |              |          |              | 100      | ΙĬ       | ſ        | - [                     | l T   | - [ -    | Ι-      | 1            | ΙÌ              | - 1  |                 | 150        |          |          | - [                | - 1          |                         |          |          |  |